

8. The ion mobility sensor of Claim 7, wherein each one of said plurality of resistors is mounted intermediate an adjacent pair of said plurality of conductive members.

9. The ion mobility sensor of Claim 8, wherein said hollow housing is composed of a plurality of sections, and wherein said plurality of conductive members are each mounted intermediate adjacent pairs of said plurality of housing sections.

10. The ion mobility sensor of Claim 9, wherein each of said plurality of conductive members has an opening therethrough.

11. The ion mobility sensor of Claim 10, wherein each opening in said plurality of conductive members is in alignment with said pointed member of each of said glow discharge ionizer and said glow discharge detector.

12. The ion mobility sensor of Claim 11, wherein said pointed members of said glow discharge ionizer and said glow discharge detector are mounted such that points of said pointed member are aligned with and directed toward each other.

13. The ion mobility sensor of Claim 12, in combination with an as chromatograph.

14. In an ion mobility sensor, the improvement comprising:
a mechanism for simultaneously detecting both ions and molecules passing therethrough.

15. The improvement of Claim 14, wherein said mechanism includes a pair of spaced aligned glow discharge devices, one functioning as an ionizer, and one functioning as a detector for ions and molecules.

16. The improvement of Claim 15, wherein each of said glow discharge devices including a hollow tube and a pointed member coaxially mounted in said hollow tube.